

Amendment

U.S. Patent Application Serial No. 09/489,576

IN THE CLAIMS:

Please cancel claims 46 - 51 without prejudice or disclaimer of the subject matter thereof and amend the claims as follows.

1(Currently amended). A method for adding content to a first content object, being one of a book, a collection of images, an album, a video and a multimedia object, capable of being produced by a processing system and stored as a first plurality of content entities in a data repository, the data repository containing a second plurality of content entities of a second content object, each of the content entities having an identifier, comprising:

defining the first content object by a first list of content entity identifiers[[,]] indicating the content entities within the first content object, wherein a hierarchical arrangement of the content entity identifiers within the first list includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined hierarchical structure of the first content object, wherein the content entity identifiers are determined by the processing system and placed in the list in response to user selection of ones of the second plurality of content entities and corresponding locations for the selected content entities within the first content object, and wherein such that adding the content entity identifier of one of the second plurality of content entities to the first list at a location corresponding to the user selected location adds the identified content entity to the first content object at a location determined by a user within the hierarchical structure corresponding to the location within the list hierarchical arrangement,

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wherein the first list of content entity identifiers comprises a plurality of content entity identifiers each including identification information identifying the content entity within the data repository associated with that identifier; and

wherein the location determined by the user is between the plurality of content entity identifiers.

2(Previously presented). The method of claim 1, further comprising defining the second object by a second list of content entity identifiers.

3(Original). The method of claim 2, wherein adding an entity identifier from the second list to the first list adds the identified content entity to the first object.

4(Original). The method of claim 1, wherein the first object is a book, and the content entities are at least one of a volume, a chapter, and a section.

5(Previously presented). The method of claim 1, further comprising providing a user interface communicating with the data repository, and

providing a mechanism for selecting a content entity identifier from the second list to add to a desired location in the first list through the user interface.

6(Currently amended). A method for adding content to a first hierarchically structured content object, being one of a book, a collection of images, an album, a video and a multimedia object, capable of being produced by a processing system and stored as a first plurality of content

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entities in a data repository, the data repository containing a second plurality of content entities of a second hierarchically structured content object, each of the content entities having an identifier, comprising:

defining the first content object by a first hierarchical outline of containers and content entity identifiers[[],] corresponding to a user-defined hierarchy of the first content object, wherein each container represents an outline hierarchical tier and includes at least one content entity identifier forming a subordinate outline hierarchical tier, wherein the content entity identifiers are determined by the processing system and placed in the first outline in response to user selection of ones of the second plurality of content entities and corresponding locations for the selected content entities within the first content object, and wherein such that adding the content entity identifier of one of the second plurality of content entities to the first outline at a location corresponding to the user selected location adds the identified content entity to the first content object at a location determined by a user within the first content object hierarchy corresponding to the location within the hierarchical outline,

wherein the first list outline of content entity identifiers comprises a plurality of content entity identifiers each including identification information identifying the content entity within the data repository associated with that identifier, and

wherein the location determined by the user is between the plurality of content entity identifiers.

7(Previously presented). The method of claim 6, further comprising defining the second object by a second outline of containers and content entity identifiers.

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8(Original). The method of claim 7, wherein adding a container of the second outline to the first outline adds the content entities identified by the content entity identifiers of that container to the first object.

9(Original). The method of claim 7, wherein a first container in the second outline contains one or more containers.

10(Original). The method of claim 9, wherein adding the first container to the first outline adds the content entities identified by the content entity identifiers of all containers in the first container to the first object.

11(Original). The method of claim 6, wherein the first and second objects are books, and the content entities are at least one of a volume, a chapter, and a section.

12(Original). The method of claim 6, wherein the first object and second objects are books, and the containers are one or more of a book, a volume, and a chapter.

13(Previously presented). The method of claim 6, further comprising providing a user interface communicating with the data repository, and providing a mechanism for selecting a content entity identifier from the second outline to add to a desired location in the first outline through the user interface.

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14(Previously presented). The method of claim 6, further comprising providing a user interface communicating with the data repository, and providing a mechanism for selecting a container from the second outline to add to a desired location in the first outline through the user interface.

15(Previously presented). The method of claim 6, further comprising providing a user interface communicating with the data repository, and providing a mechanism for creating a new container to add to the first outline at a desired location through the user interface.

16(Currently amended). A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine operable to perform method steps for add adding content to a first content object, being one of a book, a collection of images, an album, a video and a multimedia object, capable of being produced by a processing system and stored as a first plurality of content entities in a data repository, the data repository containing a second plurality of content entities of a second content object, each of the content entities having an identifier, the method steps comprising:

defining the first content object by a first list of content entity identifiers[], indicating the content entities within the first content object, wherein a hierarchical arrangement of the content entity identifiers within the first list includes at least one hierarchical tier and at least one subordinate tier and corresponds to a user-defined hierarchical structure of the first content object, wherein the content entity identifiers are determined by the processing system and placed in the list in response to user selection of ones of the second plurality of content entities and corresponding locations for the selected content entities within the first content object, and

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wherein such that adding the content entity identifier of one of the second plurality of content entities to the first list at a location corresponding to the user selected location adds the identified content entity to the first content object at a location determined by a user within the hierarchical structure corresponding to the location within the list hierarchical arrangement,

wherein the first list of content entity identifiers comprises a plurality of content entity identifiers each including identification information identifying the content entity within the data repository associated with that identifier, and

wherein the location determined by the user is between the plurality of content entity identifiers.

17(Currently amended). The program storage device of claim 16, wherein said method steps further comprise further comprising defining the second object by a second list of content entity identifiers.

18(Original). The program storage device of claim 17, wherein adding an entity identifier from the second list to the first list adds the identified content entity to the first object.

19(Original). The program storage device of claim 16, wherein the first object is a book, and the content entities are at least one of a volume, a chapter, and a section.

20(Currently amended). The program storage device of claim 16, wherein said method steps further comprise further comprising providing a user interface communicating with the data

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repository, and providing a mechanism for selecting a content entity identifier from the second list to add to a desired location in the first list through the user interface.

21(Currently amended). A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine operable to perform method steps for add adding content to a first hierarchically structured content object, being one of a book, a collection of images, an album, a video and a multimedia object, capable of being produced by a processing system and stored as a first plurality of content entities in a data repository, the data repository containing a second plurality of content entities of a second hierarchically structured content object, each of the content entities having an identifier, the method steps comprising:

defining the first content object by a first hierarchical outline of containers and content entity identifiers[.] corresponding to a user-defined hierarchy of the first content object, wherein each container represents an outline hierarchical tier and includes at least one content entity identifier forming a subordinate outline hierarchical tier, wherein the content entity identifiers are determined by the processing system and placed in the first outline in response to user selection of ones of the second plurality of content entities and corresponding locations for the selected content entities within the first content object, and wherein such that adding the content entity identifier of one of the second plurality of content entities to the first outline at a location corresponding to the user selected location adds the identified content entity to the first content object at a location determined by a user within the first content object hierarchy corresponding to the location within the hierarchical outline,

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wherein the first list outline of content entity identifiers comprises a plurality of content entity identifiers each including identification information identifying the content entity within the data repository associated with that identifier, and

wherein the location determined by the user is between the plurality of content entity identifiers.

22(Currently amended). The program storage device of claim 21, wherein said method steps further comprise further comprising defining the second object by a second outline of containers and content entity identifiers.

23(Original). The program storage device of claim 22, wherein adding a container of the second outline to the first outline adds the content entities identified by the content entity identifiers of that container to the first object.

24(Original). The program storage device of claim 22, wherein a first container in the second outline contains one or more containers.

25(Original). The program storage device of claim 24, wherein adding the first container to the first outline adds the content entities identified by the content entity identifiers of all containers in the first container to the first object.

26(Original). The program storage device of claim 21, wherein the first and second objects are books, and the content entities are at least one of a volume, a chapter, and a section.

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27(Original). The program storage device of claim 21, wherein the first object and second objects are books, and the containers are one or more of a book, a volume, and a chapter.

28(Currently amended). The program storage device of claim 21, wherein said method steps further comprise further comprising providing a user interface communicating with the data repository, and providing a mechanism for selecting a content entity identifier from the second outline to add to a desired location in the first outline through the user interface.

29(Currently amended). The program storage device of claim 21, wherein said method steps further comprise further comprising providing a user interface communicating with the data repository, and providing a mechanism for selecting a container from the second outline to add to a desired location in the first outline through the user interface.

30(Currently amended). The program storage device of claim 21, wherein said method steps further comprise further comprising providing a user interface communicating with the data repository, and providing a mechanism for creating a new container to add to the first outline at a desired location through the user interface.

31(Currently amended). A system for adding content to a first content object, being one of a book, a collection of images, an album, a video and a multimedia object, capable of being produced by a processing system and stored as a first plurality of content entities in a data repository, the data repository containing a second plurality of content entities of a second content object, each of the content entities having an identifier, comprising:

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means for defining the first content object by a first list of content entity identifiers[[],]
indicating the content entities within the first content object, wherein a hierarchical arrangement
of the content entity identifiers within the first list includes at least one hierarchical tier and at
least one subordinate tier and corresponds to a user-defined hierarchical structure of the first
content object,

means for determining the content entity identifiers and placing the content entity
identifiers in the list in response to user selection of ones of the second plurality of content
entities and corresponding locations for the selected content entities within the first content
object,

wherein such that adding the content entity identifier of one of the second plurality of
content entities to the first list at a location corresponding to the user selected location adds the
identified content entity to the first content object at a location determined by a user within the
hierarchical structure corresponding to the location within the list hierarchical arrangement,

wherein the first list of content entity identifiers comprises a plurality of content entity
identifiers each including identification information identifying the content entity within the data
repository associated with that identifier, and

wherein the location determined by the user is between the plurality of content entity
identifiers.

32(Original). The system of claim 31, further comprising means for defining the second
object by a second list of content entity identifiers.

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33(Original). The system of claim 32, wherein adding an entity identifier from the second list to the first list adds the identified content entity to the first object.

34(Original). The system of claim 31, wherein the first object is a book, and the content entities are at least one of a volume, a chapter, and a section.

35(Original). The system of claim 31, further comprising a user interface communicating with the data repository, and a mechanism for enabling a user to select a content entity identifier from the second list to add to a desired location in the first list through the user interface.

36(Currently amended). A system for adding content to a first hierarchically structured content object, being one of a book, a collection of images, an album, a video and a multimedia object, capable of being produced by a processing system and stored as a first plurality of content entities in a data repository, the data repository containing a second plurality of content entities of a second hierarchically structured content object, each of the content entities having an identifier, comprising:

means for defining the first content object by a first hierarchical outline of containers and content entity identifiers[[],] corresponding to a user-defined hierarchy of the first content object, wherein each container represents an outline hierarchical tier and includes at least one content entity identifier forming a subordinate outline hierarchical tier,

means for determining the content entity identifiers and placing the content entity identifiers in the first outline in response to user selection of ones of the second plurality of

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content entities and corresponding locations for the selected content entities within the first content object.

wherein such that adding the content entity identifier of one of the second plurality of content entities to the first outline at a location corresponding to the user selected location adds the identified content entity to the first content object at a location determined by a user within the first content object hierarchy corresponding to the location within the hierarchical outline,

wherein the first list outline of content entity identifiers comprises a plurality of content entity identifiers each including identification information identifying the content entity within the data repository associated with that identifier, and

wherein the location determined by the user is between the plurality of content entity identifiers.

37(Original). The system of claim 36, further comprising means for defining the second object by a second outline of containers and content entity identifiers.

38(Original). The system of claim 37, wherein adding a container of the second outline to the first outline adds the content entities identified by the content entity identifiers of that container to the first object.

39(Original). The system of claim 37, wherein a first container in the second outline contains one or more containers.

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40(Original). The system of claim 39, wherein adding the first container to the first outline adds the content entities identified by the content entity identifiers of all containers in the first container to the first object.

41(Original). The system of claim 36, wherein the first and second objects are books, and the content entities are at least one of a volume, a chapter, and a section.

42(Original). The system of claim 36, wherein the first object and second objects are books, and the containers are one or more of a book, a volume, and a chapter.

43(Original). The system of claim 36, further comprising a user interface communicating with the data repository, and a mechanism for enabling a user to select a content entity identifier from the second outline to add to a desired location in the first outline through the user interface.

44(Original). The system of claim 36, further comprising a user interface communicating with the data repository, and a mechanism for enabling a user to select a container from the second outline to add to a desired location in the first outline through the user interface.

45(Original). The system of claim 36, further comprising a user interface communicating with the data repository, and a mechanism for enabling a user to create a new container to add to the first outline at a desired location through the user interface.